

07-14-1999



OVER SHEET
ONLY

U.S. DEPARTMENT OF COMMERCE
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UV-141

To the Honorable Commis:

101088216

rd the attached original documents or copy thereof.

1. Name of conveying party(ies):

Tele-Communications of Colorado, Inc.

2. Name and address of receiving party(ies)

Name: TCI-TVGS, Inc.

Internal Address: _____

Street Address: 5619 DTC Parkway

City: Englewood State: Colorado ZIP: 80111

Additional name(s) & address(es) attached? Yes No

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other Confirmatory Assignment

Execution Date: June 17, 1999

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

5,760,821

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: G. Victor Treyz

Internal Address: _____

Street Address: Fish & Neave

1251 Avenue of the Americas

City: New York State: NY ZIP: 10020-1104

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed Authorized to be charged to deposit account
- Charge excess/credit overpayment to deposit account

8. Deposit account number:

06-1075

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

07/12/1999 MTHAI1 00000205 5760821

01 G. Victor Treyz
Name of Person Signing

40.00 DP
G. Victor Treyz
Signature

7/7/99
Date

Reg. No. 36,294

Total number of pages including cover sheet, attachments, and document:

4

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 010078 FRAME: 0749

C O N F I R M A T O R Y A S S I G N M E N T

WHEREAS, TCI-TVGOS, INC., a corporation organized and existing under the laws of Colorado and having an office and place of business at 5619 DTC Parkway, Englewood, Colorado 80111, obtained by assignment from Tele-Communications of Colorado, Inc., a corporation organized and existing under the laws of Colorado and having a place of business at 5619 DTC Parkway, Englewood, Colorado, 80111, all of the right, title, and interest of said Tele-Communications of Colorado, Inc. in and to United States patent application Serial No. 08/479,699, filed June 7, 1995, now United States patent No. 5,760,821, and the inventions disclosed therein, said assignment being dated June 1, 1998; and

WHEREAS, said Tele-Communications of Colorado, Inc. is desirous of confirming the transfer of the right, title, and interest of said Tele-Communications of Colorado, Inc. in and to said United States patent application Serial No. 08/479,699, filed June 7, 1995, now United States patent No. 5,760,821, and said inventions to said TCI-TVGOS, INC., its successors, assigns and legal representatives;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Tele-Communications of Colorado, Inc. does hereby sell, assign and transfer unto said TCI-TVGOS, INC., its successors, assigns and legal representatives, nunc pro tunc as of June 1, 1998, all right, title and interest

in and to said inventions and any improvements thereon for all countries of the world, and in and to said United States patent application Serial No. 08/479,699, filed June 7, 1995, now United States patent No. 5,760,821, including any continuations and divisions thereof, and any substitute applications therefor, and including the right to claim priority under the International Convention based on said patent application, and any patent which has issued or may issue thereon, and any reissues of the same; and all right, title and interest in and to every patent application filed or to be filed on said inventions in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; and Tele-Communications of Colorado, Inc. hereby authorizes and requests competent authorities to grant and issue any and all patents on said inventions to said TCI-TVGOS, INC., its successors, assigns, and legal representatives, as the assignee of the entire interest therein; and Tele-Communications of Colorado, Inc. further agrees to execute upon request of said TCI-TVGOS, INC., its successors, assigns, and legal representatives, such additional documents, if any, as are necessary and proper to secure patent protection on said inventions throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, the undersigned has signed his name and affixed his seal on the date indicated hereinafter.

Tele-Communications of Colorado, Inc.

By: _____

Name: Stephen M. Brett

Title: Vice President

Date: June 17, 1999

STATE OF COLORADO)

COUNTY OF DOUGLAS)

On this 17th day of JUNE, 1999, appeared before me in person the above-named Stephen M. Brett and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

Jula Merlo
Notary Public

(Notarial seal)

My Commission expires:

7/25/03